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INSTRUCTIONS FOR THE USER: these instructions contain user recommendations, a description of the controls and the correct procedures for cleaning and maintenance of the appliance.

INSTRUCTIONS FOR THE INSTALLER: these are intended for the qualified technician who must install the appliance, set it functioning and carry out an inspection test.

Further information about the products can be found at www.smeg.com

1. INSTRUCTIONS FOR USE

This manual is an integral part of the appliance. It must be kept in its entirety and in an accessible place for the whole working life of the appliance. We recommend reading this manual and all the information it contains carefully before using the appliance. Installation must be carried out by qualified personnel in accordance with the standards in force. This appliance is intended for domestic use and conforms to the EC directives currently in force. The appliance has been built to carry out the following functions: **cooking and heating up food**; all other uses are considered unsuitable.

These instructions are valid only for the destination countries whose identifying symbols are included on the cover of this manual.

Never obstruct the openings and slits provided for ventilation and heat dispersal; this may cause malfunctions.

Do not use this appliance for heating rooms.

This appliance is marked according to European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).
This directive defines the standards for the collection and recycling of waste electrical and electronic equipment applicable throughout the European union.

The identification plate with technical data, serial number and brand name is located in an exposed position either in the drawer (where present) or on the back of the appliance. A copy of the identification plate is included in the booklet. It should be applied to the appropriate space on the back of the cover. Do not remove this plate for any reason.

Before the appliance is put into operation, all labels and protective films applied on external surfaces must be removed.

Do not use metallic sponges or sharp scrapers: they will damage the surfaces. Use normal non-abrasive products and a wooden or plastic tool if necessary. Rinse thoroughly and dry using a soft cloth. Do not allow residues of sugary foods (such as jam) to set inside the oven. If left to set for too long, they might damage the enamel lining of the oven.

Do not use plastic kitchenware or containers. The high temperatures inside the oven could melt the plastic, damaging the appliance.

Always check that the control knobs are in the “zero” (off) position when you finish using the appliance.

Do not use sealed tins or containers in the appliance. Overpressure may occur inside the containers during cooking, creating a danger of explosion.

Do not cover the bottom of the oven with aluminium or tinfoil sheets during cooking and do not place pans or trays on it to avoid damage to the enamelled surface.

Never place saucepans with bases which are not perfectly flat and smooth on the hob. Unstable cookware can lead to scalding.

Do not rest any weight or sit on the open door of the appliance. Excessive weight may jeopardise its stability.

The appliance becomes very hot during use. Suitable heat-proof gloves should be worn for all operations.

If you intend to go away for a prolonged period of time, close the mains gas tap or the gas cylinder tap.

Take care that no objects are stuck in the door of the oven.

Do not open the storage compartment (where present) when the oven is on and still hot. The temperatures inside it may be very high.

If the surfaces are still very hot during cooking, do not pour water directly onto the trays. The steam could cause severe burns and damage enamelled surfaces.

All cooking operations must take place with the door closed. The dissipation of heat may cause hazards.

The manufacturer declines all responsibility for damage to persons or things caused by non-observance of the above prescriptions or by interference with any part of the appliance or by the use of non-original spare parts.

2. SAFETY PRECAUTIONS

Consult the installation instructions for safety standards on electrical or gas appliances and for ventilation functions. In your interests and for your safety the law requires that the installation and servicing of all electrical and gas appliances be carried out by qualified personnel in accordance with the standards in force. Our approved installers guarantee a satisfactory job.
Gas or electrical appliances must always be uninstalled by suitably skilled people.

Before connecting the appliance to the power grid, check the data on the plate against the data for the grid itself.

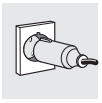
If the appliance is installed on a raised platform, secure it using suitable fastening systems.

Before carrying out installation/maintenance work, make sure that the appliance is disconnected from the power grid.

If the cooking appliances are installed in motor vehicles (for example, camper vans, caravans etc.), they must only be used when the vehicle is stationary.

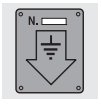
Install the appliance so that when opening the drawers or doors of units positioned at the level of the hob there is no possibility of making contact with pans positioned on top of it.

Immediately after installation, carry out a quick test on the appliance following the instructions provided later in this manual. Should the appliance not function, disconnect it from the power supply and call the nearest technical assistance centre.



The plug to be connected to the power supply cable and its socket must be of the same type and conform to the standards in force. The socket must be accessible after the appliance has been installed. **Never disconnect the plug by pulling on the cable.**

If the power supply cable is damaged, contact the technical support service immediately and they will replace it.



The appliance must be connected to earth in compliance with electrical system safety standards.

During use the appliance and its accessible parts become very hot. Take care never to touch the heating elements. Keep children younger than 8 away from the appliance, unless under continuous supervision.

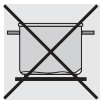
Never put inflammable objects in the oven: they could be accidentally ignited and cause fires.

The appliance is intended for use by adults. Do not allow children to go near it or play with it.

This appliance may be used by children from the age of 8 and by people of reduced physical and mental ability or lacking in experience and knowledge, provided they are supervised or instructed on the safe use of the appliance and if they understand the associated risks. Do not allow children to play with the appliance. Do not allow unsupervised children to perform cleaning or maintenance operations.

Never attempt to repair the appliance. All repairs must be carried out by an authorised technician or at an authorised service centre. The improper use of tools can cause hazards.

This appliance must not be controlled using an external timer or remote control system.



Be aware of how rapidly the cooking zones heat up. Do not place empty saucepans on the heat. Danger of overheating.

Fats and oils can catch fire if they overheat. You are therefore recommended not to leave the appliance while preparing foods containing oils or fats. If fats or oils catch fire, never put water on them. Place the lid on the saucepan and turn off the cooking zone.

Take care when using additional electrical appliances in the kitchen (e.g. blender, toaster etc.). Connection cables must not come into contact with hot cooking zones.

Do not use steam jets for cleaning the appliance.
The steam could reach the electronics, damaging them and causing short-circuits.

Do not spray any spray products near the household appliance while it is in operation. Do not use spray products while the appliance is still hot. The gases contained in the spray may catch fire.

As soon as you notice a fracture or a crack on the surface of the glass cooking plate, switch the appliance off and contact an authorized technical assistance centre.

3. ENVIRONMENTAL CARE

3.1 Our environmental care

Pursuant to Directives 2002/95/EC, 2002/96/EC, 2003/108/EC, relating to the reduction of the use of hazardous substances in electrical and electronic appliances, as well as to the disposal of refuse, the crossed out bin symbol on the appliance indicates that the product, at the end of its useful life, must be collected separately from other refuse. Therefore, the user must consign the product that has reached the end of its working life to the appropriate selective collection centres for electrical and electronic refuse, or deliver it back to the retailer when purchasing an equivalent product, on a one for one basis. Adequate selective collection for the subsequent forwarding of the decommissioned product to recycling, treatment and ecologically compatible disposal contributes to avoiding possible negative effects on the environment and on health and promotes the recycling of the materials of which the appliance consists. The illicit disposal of the product by the user results in the application of administrative sanctions.

The appliance does not contain substances in quantities sufficient to be considered hazardous to health and the environment, in accordance with current European directives.

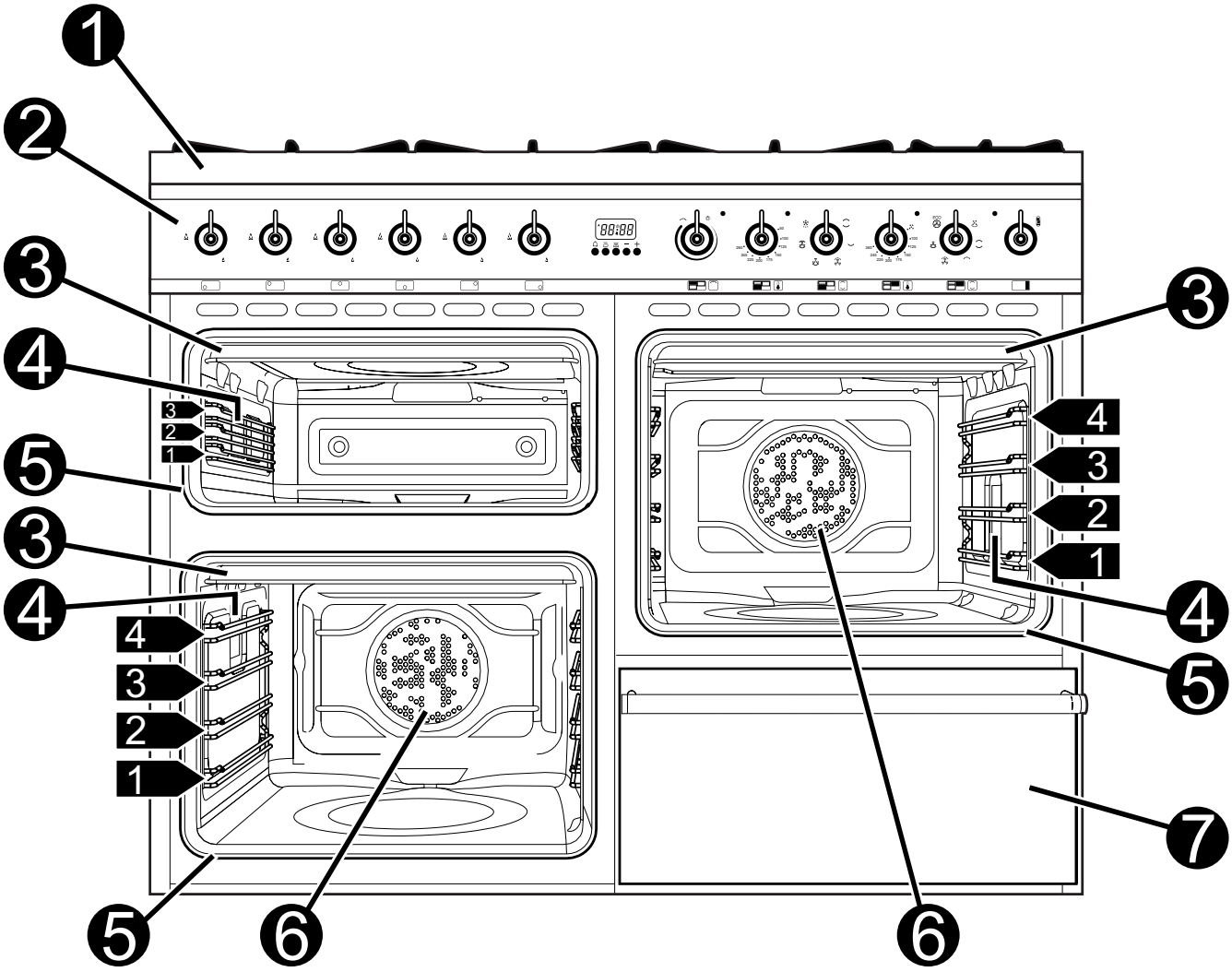
3.2 Your environmental care

Our appliances are packed in non-polluting materials, which are therefore compatible with the environment and recyclable. Please help by disposing of the packaging correctly. You can obtain the addresses of collection, recycling and disposal centres from your retailer or from the competent local organisations.

Do not discard the packaging or any part of it, or leave it unattended. It can constitute a suffocation hazard for children, especially the plastic bags.

Your old appliance also needs to be disposed of correctly.
Important: hand over your appliance to the local agency authorised for the collection of household appliances no longer in use. Correct disposal enables intelligent recovery of valuable materials.
Before disposing of your appliance it is important to remove doors and leave shelves in the same position as for use, to ensure that children cannot accidentally become trapped inside during play. It is also necessary to cut the connecting cable to the power supply network, removing it along with the plug.

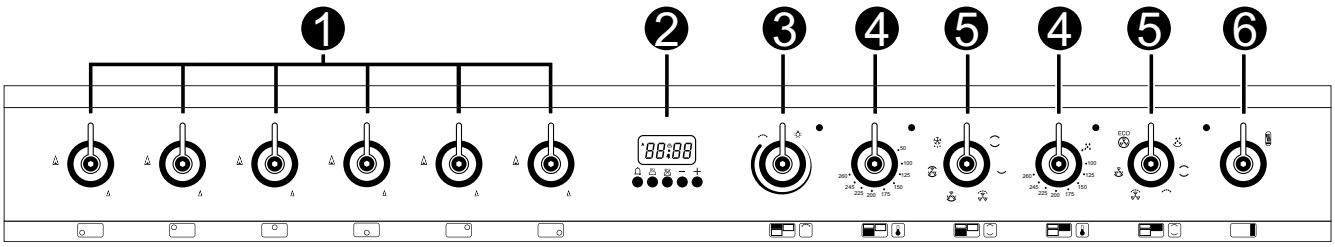
4. GET TO KNOW YOUR APPLIANCE



1. Cooking hob
2. Control panel
3. Movable roof liner
4. Oven light
5. Oven seal
6. Oven ventilation and circular resistance (where present)
7. Storage compartment

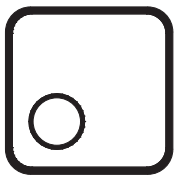
Racks and trays runners

4.1 Description of the controls on the front panel



4.1.1 Hob burners control knob

To light the flame, press the knob and turn it anti-clockwise to the maximum flame symbol ( ). To adjust the flame, turn the knob to the zone between the maximum ( ) and the minimum ( ) settings. To turn off the burner, turn the knob to the position.
(The adjacent symbol indicates the front left burner).



4.1.2 Programming clock

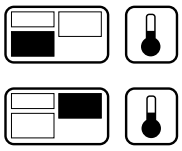
The programming clock can be used to display the current time or to set a timer or a programmed cooking operation.

4.1.3 Auxiliary oven variable grill thermostat knob

By turning the variable grill knob clockwise you can switch on the oven inside light or start grill operation. The grill element heats up the oven with a temperature **indicatively** ranging from a minimum of **50°C** and a maximum of **245°C**. The indicator light comes on to indicate that the oven is heating up. The indicator light goes out when the set temperature is reached.

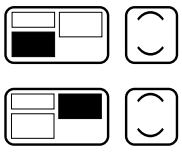
4.1.4 Upper and lower multifunction ovens temperature selection knob

The cooking temperature is selected by turning the knob clockwise to the required setting, between **50°** and **260°C**.
The indicator light comes on to indicate that the oven is heating up. When this light goes out, the preset heating temperature has been reached. When the light flashes regularly, it means that the temperature inside the oven is kept constantly on the set level.



4.1.5 Upper and lower multifunction ovens function knob

The oven's various functions are suitable for different cooking modes. After selecting the required function, set the cooking temperature using the thermostat knob. For more information on the cooking functions, see:
“8. COOKING WITH THE OVEN”.



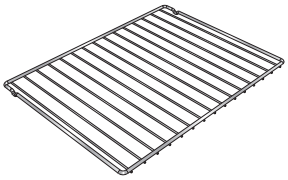
4.1.6 Electric cooking plate knob

The hob electric plate is switched on by turning the knob clockwise on the symbol. The food contained in small cookware or pans will be kept warm thanks to a resistance that heats up the glass surface to a temperature of approximately **140°C**.
The indicator light comes on to indicate that the plate is heating up, reaching and maintaining the temperature.
The electric plate is switched off by turning the knob counter-clockwise on .
For further information about the electric plate, see “6.4 Electric plate”.

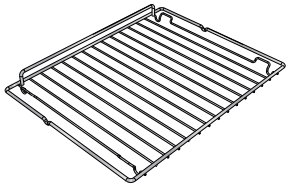
5. AVAILABLE ACCESSORIES

NOTE: Some models are not provided with all accessories.

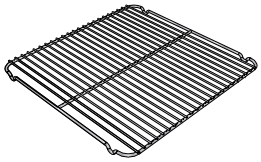
Rack: useful for holding cooking containers.



Rack: useful for holding cooking containers.

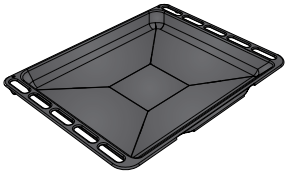


Tray rack: to be placed over the top of the oven tray; for cooking foods which may drip.

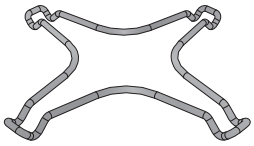


Oven tray: useful for collecting fat from foods placed on the rack above.

Deep oven tray: useful for baking cakes, pizza and oven-baked desserts.



Reduction pan stand: useful when using small pans.

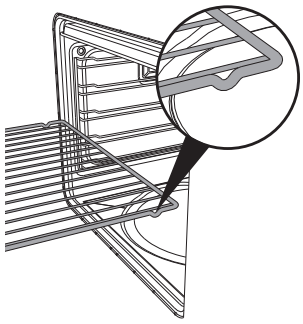


The oven accessories intended to come into contact with food are made of materials that comply with the provisions of current legislation.

Accessories available on request:
- *Original supplied and optional accessories may be ordered from any Authorised Support Centre.*
- *Use only original accessories supplied by the manufacturer.*

5.1 Using the rack or tray

The racks and trays are equipped with a mechanical safety lock which prevents them from being taken out accidentally. To insert the rack or tray correctly, check that the lock is facing downwards (as shown in the figure at the side).
To remove the rack or tray, lift the front slightly.
The mechanical lock (or the extension piece where present) must always face the back of the oven.



Gently insert racks and trays into the oven until they come to a stop.

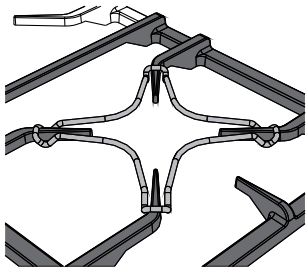
In models with runners, clean the trays before using them for the first time. Cleaning will remove any manufacturing residues, which may otherwise scratch the sides of the oven cavity when trays are being inserted.

5.2 Using the support rack

The support rack is inserted into the tray (as shown in the figure). Using this, foods can be cooked and the fat can be collected separately from the food which is being cooked.

5.3 Using the reduction pan stands

The reduction pan stands should be placed on top of the hob pan stands as shown in the adjacent figure. Make sure they are stable.



5.4 Storage compartment

The storage compartment is in the right bottom of the cooker. It can be used to store cookware or metallic accessories necessary when using the appliance and must not be used to store flammable materials, cloths, paper etc.

Do not open the storage compartment when the oven is on and still hot. Danger of burns!

Be careful with the metal objects left inside the storage compartment, as they could be very hot after using the oven. Danger of burns!

5.5 Movable roof liner

The movable roof liner has been designed to protect the user from accidental contact with the ovens' upper heating elements.
It also makes oven cleaning easier as it is completely removable and washable.

Do not remove the movable roof liner while the oven is still hot. Danger of burns!

6. USING THE COOKING HOB

6.1 General warnings and advice

Before lighting the hob burners, make sure that the flame-spreader crowns are correctly positioned in their housings with their respective burner caps.

*Before lighting the burners **lift the glass lid** (where present); before closing it again, turn off all burners and wait for them to cool.*

6.2 Lighting the hob burners

All controls and monitoring devices of the appliance are grouped together on the front panel. The burner controlled by each knob is shown next to the knob. The appliance is equipped with an electronic lighter. Simply press the knob and turn it anti-clockwise to the maximum flame symbol until the burner lights. If the burner does not light in the first 15 seconds, turn the knob to “0” and wait 60 seconds before trying again. After lighting, keep the knob pressed down for a few seconds to allow the thermocouple to heat up. The burner may go out when the knob is released: in this case, the thermocouple has not heated up sufficiently. Wait a few moments and repeat the operation keeping the knob pressed for longer.

If the burners go out accidentally, a safety device will be tripped, cutting off the gas supply, even if the gas tap is open. In this case, turn the knob to the OFF position and wait at least 60 seconds before trying to light the burner again.

Warning:
*At the end of cooking using pans with aluminium bases you may find white residues on the **cast iron pan stands**. These residues are usually caused by the pan base rubbing against the pan stand and are difficult to remove with normal cleaning. Using abrasive or excessively aggressive products to clean the pan stand could damage its enamel surface.*

6.3 Practical hints for using the hob burners

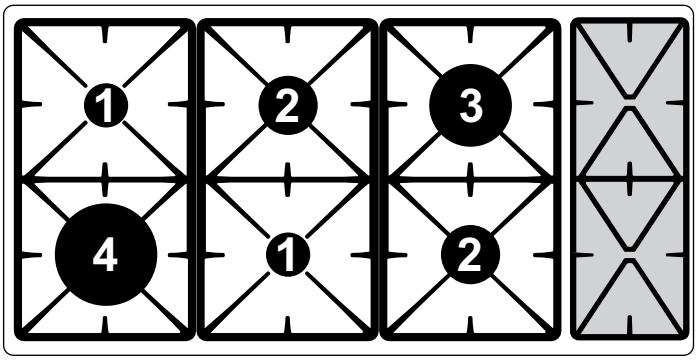
For better burner efficiency and to minimise gas consumption: use pans with lids and of a suitable size for the burner, so that the flames do not reach up the sides of the pan (see paragraph “6.5 Pan diameters”). Once the contents come to the boil, turn down the flame far enough to ensure that the liquid does not boil over. If any liquid does boil over or spill, remove the excess from the hob.
To prevent burns or damage to the hob during cooking, all pans or griddles must be placed inside the perimeter of the hob. All pans must have smooth, flat bottoms.
If the flame accidentally goes out, turn off the control knob and wait at least 1 minute before trying to re-light the burner.

Take the greatest care when using fats or oils since they may catch fire if overheated.

6.4 Electric plate

In order to keep food hot using the electric plate, you will need to remove the rack and place the small trays or saucepans containing the food directly onto the glass surface of the electric plate. The rack only functions as a support for saucepans or trays when the electric plate is not in use.

6.5 Pan diameters



Burners		min. and max diameter (in cm)
1	Auxiliary	12 - 14
2	Semi-rapid	16 - 24
3	Rapid	18 - 26
4	Ultra-Rapid	18 - 28

To prevent damage to the appliance or adjacent units, all pans or griddles must be placed inside the perimeter of the hob.

Make sure never to come into contact with the lid glass with pots or pans that are still hot. The glass could crack and break with the heat.

7. USING THE OVEN

7.1 Before using the appliance

- *Remove any labels (apart from the technical data plate) from trays, dripping pans and the cooking compartment.*
- *Remove any protective film from the outside or inside of the appliance, including from accessories such as trays, dripping pans, the pizza plate or the base cover.*
- *Before using the appliance for the first time, remove all accessories from the oven compartment and wash them as indicated in "9. CLEANING AND MAINTENANCE".*
- *After an interruption in the electricity supply, the display flashes at regular intervals, showing* 0:00 *. For setting instructions, see point "7.8 Electronic programmer".*
- *Check that the display is showing the symbol* .

Heat the empty appliance to the maximum temperature in order to remove any manufacturing residues which could affect the food with unpleasant odours.

7.2 Oven runners

The oven features 4 runners for positioning trays and racks at different heights. The insertion heights in this manual are indicated from the bottom upwards.

7.3 Cooling system

The appliance is equipped with a cooling system which comes into operation as soon as a cooking function starts. The fan causes a steady outflow of air that exits from the rear of the appliance and which may continue for a brief period of time even after the appliance has been turned off.

7.4 Internal light

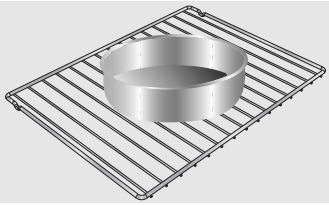
The oven light comes on when any function is selected.

7.5 General warnings and advice for use

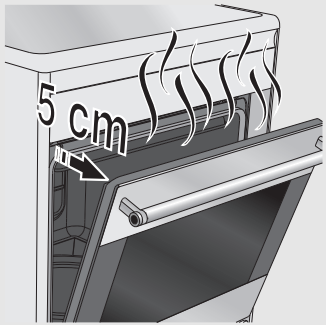
All cooking operations must be carried out with the door closed. The dissipation of heat may cause hazards.

During cooking, do not cover the bottom of the oven with aluminium or tin foil and do not place pans or oven trays on it as this may damage the enamel coating. If you wish to use greaseproof paper, place it so that it will not interfere with the hot air circulation inside the oven.

For the best cooking results, we recommend placing cookware in the centre of the rack.



To prevent any steam in the oven from causing problems, open the door in two stages: keep it half open (5 cm approx.) for 4-5 seconds and then fully open. To access food, always leave the door open as short a time as possible to prevent the temperature in the oven from falling and ruining the food.



To prevent excessive amounts of condensation from forming on the internal glass, hot food should not be left inside the oven for too long after cooking.

While cooking desserts or vegetables, excessive condensation may form on the glass. In order to avoid this, open the door very carefully a couple of times while cooking.

To prevent hazardous overheating, the appliance's lid (where present) must always be raised when using the oven.

7.6 Using the electric grill (auxiliary oven)

For short cooking procedures, such as final browning of cooked meat, select the static grill function of the auxiliary oven and turn the thermostat knob to the desired temperature setting. The grill element heats up the oven with a temperature indicatively ranging from a minimum of 50°C and a maximum of 245°C.

The cooking time of the auxiliary oven electric grill must not exceed 30 minutes.

7.7 Using the grill (multifunction ovens)

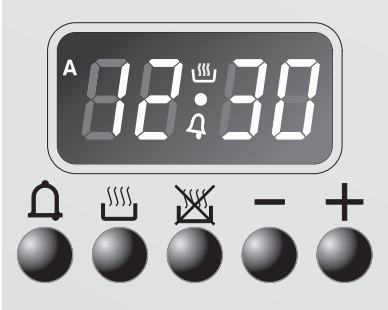
When the oven has come on (the red indicator light comes on to confirm this), leave it to heat up for 5 minutes before placing foods inside. Foods should be seasoned before cooking.

Foods should also be coated with oil or melted butter before cooking. Use the oven tray to collect juice.
The foods for cooking must be placed on the oven shelf, which is then placed on one of the runners fitted in the various types of ovens, following the guidelines on the right.

FOODS	RUNNER HEIGHT
Flat, thin piece of meat	3
Roller roasts	2 - 3
Poultry	2 - 3

- *Grilling processes in the static and multifunction ovens should never last more than 60 minutes.*
- *In models with electric oven, the oven door must be closed during grill and grill + rotisserie cooking operations.*
- *Accessible parts may be very hot during and after use of the grill; keep children well away from the appliance.*
- *During rotisserie cooking operations, one of the trays supplied with the cooker should be placed on the bottom of the oven, on the first runner from the bottom, to collect any grease and fat produced.*
- *During cooking, do not cover the bottom of the oven with aluminium foil, and do not place pans or trays on it; this may damage the enamel coating. If you wish to use greaseproof paper, position it so that it does not interfere with the hot air circulation inside the oven.*
- *When using the oven, remove all unused trays and racks from its interior.*

7.8 Electronic programmer



LIST OF FUNCTIONS

- Timer key
- End of cooking key
- Cooking duration key
- Value decrease key
- Value increase key

THE ELECTRONIC PROGRAMMER ONLY CONTROLS THE RIGHT MULTIFUNCTION OVEN AND HAS NO CONTROL OVER OTHER OVENS

7.8.1 Setting the time

When the oven is used for the first time, or after an interruption in the electricity supply, the display flashes at regular intervals.
To set the time proceed as follows:

- Press and simultaneously. The dot between the hour and minute digits will flash;
- press the value modification buttons + or − to increase or decrease the setting by one minute for each pressure until reaching the desired time;
- Wait about 5 seconds without pressing any buttons or press . The dot between the hour and minute digits will stop flashing and the will be shown on the display.

7.8.2 Using the timer

The timer does not stop the cooking process. It only warns the user that the preset number of minutes have passed.

- Press . The display will show the digits 0:00 and the symbol will flash between the hour and minute digits while the symbol is fixed;
- Press the value modification buttons + or − to increase or decrease the setting by one minute for each pressure until reaching the desired time;
- Wait about 5 seconds without pressing any buttons or press to exit the timer setting mode;
- The current time is shown and the and symbols will appear between the hour and minute digits;
- To view the remaining time, press and wait about 5 seconds to return to the current time view;
- To silence the buzzer at the end of the time, press any button on the programmer.

If the user wants to end cooking at the end of the time, the thermostat and oven function knobs must be controlled manually.

A time longer than 23:59 hours cannot be set.

If is pressed accidentally and no time setting is desired, press to cancel the settings.

7.8.3 Semi-automatic cooking

This function allows a cooking operation to be started and then stopped after a specific length of time set by the user.

To set the semi-automatic cooking, proceed as follows:

- Set the desired function and temperature acting on the multifunction oven knobs;
- Press . The display will show the digits 0:00 and the symbol will be shown between the hour and minute digits;
- Press the value modification buttons + or − to increase or decrease the setting by one minute for each pressure until reaching the desired time;
- Wait about 5 seconds without pushing any buttons to start the function;
- The current time, the **A** symbol and the symbol will be shown on the display between the hour and minute digits;
- Press to view the remaining time;
- At the end of the cooking operation the timer will deactivate the oven heating elements, the buzzer will sound, the **A** symbol will flash while the symbol disappears;
- To silence the buzzer press any button on the programmer.
- Press and simultaneously to reset the programmer;
- Proceed with manually switching off the oven if a cooking operation is in progress.

Warning: it is not possible to set cooking durations of more than 10 hours.

The set programming can be reset by pressing and simultaneously. By doing this the set duration will be cancelled and the oven must be turned off manually if a cooking operation is in progress.

7.8.4 Automatic cooking

This function allows, as well as setting a cooking duration, a cooking end time to be set (with a maximum delay of 23:59 hours in relation to the current time).

- Set the desired function and temperature acting on the multifunction oven knobs;
- Set the cooking duration as described in the previous point (“7.8.3 Semi-automatic cooking”);
- Press and the sum of the current time plus the preset cooking time will appear on the display.
- Press the value modification buttons + or − to increase or decrease the setting by one minute for each pressure until reaching the desired time;
- Wait about 5 seconds without pushing any buttons to start the function;
- The current time and the **A** symbol will be shown on the display;
- The start of cooking will be indicated by the **A** and symbols shown on the display;
- Press to view the remaining time;
- Press to view the cooking end time;
- At the end of the cooking operation the timer will deactivate the oven heating elements and the buzzer will sound. The **A** symbol will flash while the symbol disappears;
- To silence the buzzer at the end of the time, press any button on the programmer.;
- Press and simultaneously to reset the programmer;
- Proceed with manually switching off the oven if a cooking operation is in progress.

The set programming can be reset by pressing and simultaneously. By doing this the set duration will be cancelled and the oven must be turned off manually if a cooking operation is in progress.

7.8.5 Buzzer volume

The buzzer volume can be set at three different levels by pressing — when the programmer is in stand-by.
Keep the key — pressed if you wish to hear the entire sound of the buzzer.

8. COOKING WITH THE OVEN

BOTTOM:

The heat coming just from the bottom allows to complete the cooking of foods that require a longer basic cooking time, without affecting their browning. Perfect for cakes, pies, tarts and pizzas.

STATIC:

As the heat comes from above and below at the same time, this system is particularly suitable for certain types of food. Traditional cooking, also known as static or thermal radiation cooking, is suitable for cooking just one dish at a time. Perfect for all types of roasts, bread and cakes and in any case particularly suitable for fatty meats such as goose and duck.

LARGE GRILL:

The heat coming from the grill element gives perfect grilling results above all for thin and medium thickness meat and in combination with the rotisserie (where present) gives the food an even browning at the end of cooking. Perfect for sausages, ribs and bacon. This function enables large quantities of food, particularly meat, to be grilled evenly.

FAN-ASSISTED GRILL:

The air produced by the fan softens the strong heatwave generated by the grill, giving perfect grilling results even with very thick foods. Perfect for large cuts of meat (e.g. shin of pork).

FAN-ASSISTED BOTTOM:

The combination of the fan with just the lower heating element allows cooking to be completed more rapidly. This system is recommended for sterilising or for finishing off the cooking of foods which are already well-cooked on the surface, but not inside, which therefore need a little more heat. Perfect for any type of food.
In pyrolytic models, the special defrosting and proving functions are brought together under the same function (see “8.3 Defrosting function” for further details).

CIRCULAR:

The combination of the fan and the circular element (incorporated in the rear of the oven) enables different foods to be cooked on several levels, as long as they need the same temperature and same type of cooking operation. Hot air circulation ensures instant and uniform distribution of heat. It will be possible, for instance, to cook fish, vegetables and biscuits simultaneously (on different levels) without mixing odours and flavours.

(For multiple-level cooking, we recommend using the 2nd and 4th runners.)

FAN-ASSISTED STATIC:

The operation of the fan, combined with traditional cooking, ensures uniform cooking even with complex recipes. Perfect for biscuits and cakes, even when simultaneously cooked on several levels. (For multiple-level cooking, you are advised to use the 2nd and 4th runners.)

DEFROSTING:

Rapid defrosting is helped by switching on the fan and the top heating element to ensure uniform distribution of low temperature air inside the oven.

8.1 Cooking advice and instructions

8.1.1 General advice

- **We recommend preheating the oven before putting the food in.** Place the food in the oven only once the cooking light is off.
- For cooking on several levels, we recommend using a fan-assisted function to achieve uniform cooking at all heights.
- In general, it is not possible to shorten the cooking times by increasing the temperature (the food could be well-cooked on the outside and undercooked on the inside).
- While cooking desserts or vegetables, excessive condensation may form on the glass. In order to avoid this, open the door very carefully a couple of times while cooking.
- For rapid preheating use a fan-assisted function, then select the required function.

8.1.2 Advice for cooking meat

- Cooking times, especially for meat, vary according to the thickness and quality of the food and to consumer taste.
- We recommend using a meat thermometer for meat when roasting it. Alternatively, simply press on the roast with a spoon: if it is hard it is ready, if not, it needs another few minutes cooking.

8.1.3 Advice for cooking desserts and biscuits

- Use dark metal moulds for desserts: they help to absorb the heat better.
- The temperature and the cooking time depend on the quality and consistency of the dough.
- Check whether the dessert is cooked right through: at the end of the cooking time, put a toothpick into the highest point of the dessert. If the dough does not stick to the toothpick, the dessert is cooked.
- If the dessert collapses when it comes out of the oven, on the next occasion reduce the set temperature by about 10°C, selecting a longer cooking time if necessary.

8.1.4 Advice for defrosting and proving

The defrosting function enables any type of food to be defrosted. To start defrosting, turn the oven function knob to , then a ventilation system will go into operation to ensure uniform distribution of the ambient temperature inside the oven.
The defrosting time will depend on the quantity of food to be defrosted.

- We recommend positioning frozen foods in a lidless container on the first runner of the oven.
- The food must be defrosted without its wrapping.
- Lay out the foodstuffs to be defrosted evenly, not overlapping.
- When defrosting meat, we recommend using a rack positioned on the second runner with the food on it and a tray positioned on the first runner. In this way, the liquid from the defrosting food drains away from the food.
- The most delicate parts can be covered with aluminium foil.
- For successful proving, a container of water should be placed in the bottom of the oven.

8.1.5 Advice for cooking with the Grill and the Fan-assisted grill

- Using the Grill function , meat can be grilled even when it is put into the cold oven; preheating is recommended if you wish to change the effect of the cooking.
- With the Fan-assisted grill function , however, we recommend that you preheat the oven before grilling.
- We recommend placing the food at the centre of the rack.

8.1.6 To save energy

To save energy during use of the appliance, the following instructions may be followed:

- Stop cooking a few minutes before the time normally used. Cooking will continue for the remaining minutes with the heat which has accumulated inside the oven.
- Reduce any opening of the door to a minimum to avoid heat dispersal.
- Keep the inside of the appliance clean at all times.

8.2 Cooking operation information table

Types of food	Weight	Function	Runner position from the bottom	Temperature °C	Time (minutes)	
FIRST COURSES						
Lasagne	3 kg	Static	1 or 2	220 - 230	40 - 50	
Oven-baked pasta		Static	1 or 2	220 - 230	40	
MEAT						
Roast veal	1 Kg	Circular	2	180 - 190	70 - 80	
Pork loin	1 Kg	Circular	2	180 - 190	70 - 80	
Shoulder of pork	1 Kg	Fan-assisted static	2	180 - 190	90 - 100	
Roast rabbit	1 Kg	Circular	2	180 - 190	70 - 80	
Turkey breast	1 Kg	Fan-assisted static	2	180 - 190	110 - 120	
Roast neck of pork	1 Kg	Fan-assisted static	2	180 - 190	190 - 210	
Roast chicken	1 Kg	Fan-assisted static	2	190 - 200	60 - 70	
GRILLED MEATS					**1st side**	**2nd side**
Pork chops		Fan-assisted grill	4	250	7 - 9	5 - 7
Fillet of pork		Grill	3	250	9 - 11	5 - 9
Fillet of beef		Grill	3	250	9 - 11	9 - 11
Liver		Small grill	4	250	2 - 3	2 - 3
Sausages		Fan-assisted grill	3	250	7 -9	5 - 6
Meatballs		Grill	3	250	7 - 9	5 - 6
FISH						
Salmon trout	0.7 Kg	Circular	2	160 - 170	35 -40	
BREAD and FOCACCIA						
Pizza		Fan-assisted static	1	250	6 - 10	
Bread		Circular	1	190 - 200	25 - 30	
Focaccia		Fan-assisted static	1	180 - 190	15 - 20	
DESSERTS						
Ring cake		Circular	2	160	55 - 60	
Fruit tart		Circular	2	160	30 - 35	
Fruit tart		Static	2	170	35 - 40	
Short pastry		Circular	1 or 2	160 - 170	20 - 25	
Jam tarts		Fan-assisted static	1 or 2	160 - 170	40 - 50	
Paradise cake		Static	1 or 2	170	40 - 50	
Paradise cake		Circular	2	160	50 - 60	
Cream puff		Fan-assisted static	2	150 - 160	40 - 50	
Light sponge cake		Circular	2	150 - 160	40 - 50	
Rice pudding		Fan-assisted static	2	160	40 - 50	
Rice pudding		Static	2	170	50 - 60	
Croissants		Circular	2	160	25 - 30	
Brioche (on multiple runners)		Circular - Fan-assisted static	1 - 3	160 - 170	30 - 35	
Short pastry biscuits (on multiple runners)		Circular - Fan-assisted static	1 - 3	160 - 170	16 - 20	

9. CLEANING AND MAINTENANCE

Do not use steam jets for cleaning the appliance. The steam could reach the electronics, damaging them and causing short-circuits.

CAUTION: For your safety, you are advised to wear protective gloves while performing any cleaning or extraordinary maintenance.

Do not use cleaning products containing chlorine, ammonia or bleach on steel parts or parts with metallic finishes on the surface (e.g. anodizing, nickel- or chromium-plating).

We recommend the use of cleaning products distributed by the manufacturer.

9.1 Cleaning stainless steel

To keep stainless steel in good condition it should be cleaned regularly after use. Let it cool first.

9.2 Ordinary daily cleaning

To clean and preserve the stainless steel surfaces, always use only specific products that do not contain abrasives or chlorine-based acids.
How to use: pour the product onto a damp cloth and wipe the surface, rinse thoroughly and dry with a soft cloth or a microfibre cloth.

9.3 Food stains or residues

Do not use metallic sponges or sharp scrapers as they will damage the surfaces.
Use ordinary non-abrasive products with the aid of wooden or plastic utensils if necessary. Rinse thoroughly and dry with a soft cloth or a microfibre cloth.
Do not allow residues of sugary foods (such as jam) to set inside the oven. If left to set for too long, they might damage the enamel lining of the oven.

9.4 Cleaning the elecrtic plate

Smudges from aluminium-based pans can be easily cleaned off with a cloth dampened in vinegar.
Do not use abrasive or corrosive detergents (e.g. cleaning powders, oven sprays, spot-removers and wire sponges).

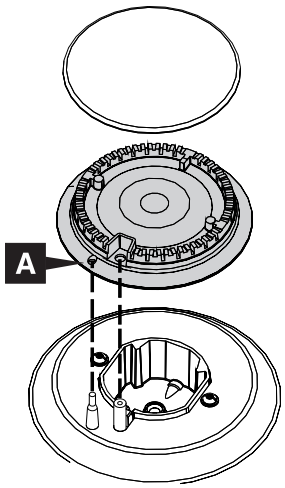
9.5 Pan stands

Remove the pan stands and clean them with lukewarm water and non-abrasive detergent, making sure to remove any encrustations. Dry them thoroughly and return them to the hob.
Continuous contact between the pan stands and the flame can cause modifications to the enamel over time in those parts exposed to heat. This is a completely natural phenomenon which has no effect on the operation of this component.

Do no wash these parts in a dishwasher.

9.6 Burner caps and flame-spreader crowns

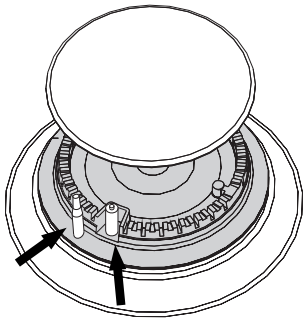
The burner caps and flame-spreader crowns can be removed for easier cleaning. Wash them in warm water and a non-abrasive detergent making sure to remove any encrustation, then wait until they are perfectly dry.
Refit the flame-spreader crowns, making sure that they are correctly in place with their respective burner caps, and ensuring that the holes **A** in the flame-spreaders are aligned with the igniters and thermocouples.



Do no wash these parts in a dishwasher.

9.6.1 Igniters and thermocouples

For correct operation, the igniters and thermocouples must always be perfectly clean. Check them frequently and clean them with a damp cloth if necessary. Remove any dry residues with a wooden toothpick or a needle.



Do not use cleaning products containing chlorine, ammonia or bleach on steel parts or parts with metallic finishes on the surface (e.g. anodizing, nickel- or chromium-plating).

9.7 Cleaning the oven

For the best oven upkeep, clean it regularly after having allowed it to cool. Take out all removable parts.

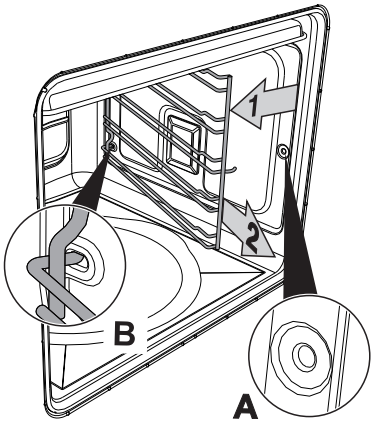
- Clean the oven racks with hot water and non-abrasive detergent. Rinse and dry.
- For easier cleaning, the door can be removed (see “10.2 Removing the door”).

The oven should be operated at the maximum heat setting for 15/20 minutes after use of specific products, to burn off the residues left inside the oven.

When the operation is complete, damp parts should be dried thoroughly.

9.7.1 Removing guide frames

Removing the guide frames and the self-cleaning panels enables the sides to be cleaned more easily. This operation should be carried out each time the automatic cleaning cycle is used (on some models only).



To remove the guide frames:
1 Pull the frame towards the inside of the oven to unhook it from its housing A, then slide it out of the seats at the back B.
2 When cleaning is complete, repeat the above procedures to put the guide frames back in.

9.7.2 Cleaning the door glazing

The glass in the door should always be kept thoroughly clean. Use absorbent kitchen roll; remove stubborn dirt with a damp sponge and an ordinary detergent.

Do not use abrasive or corrosive detergents to clean the oven's door glass panels (e.g. powder products, spot-removers and wire sponges). Do not use rough or abrasive materials or sharp metal scrapers to clean the oven's glass doors since they may scratch the surface.

9.7.3 Cleaning the door seal

To keep the seal clean, use a non-abrasive sponge and lukewarm water. The seal should be soft and flexible (with the exception of pyrolitic models).
In pyrolitic models, the seal may flatten over time and lose its original shape. To restore it, pinch the seal all the way along. This also helps remove any dirt on the seal.

9.8 Vapor Clean: Assisted cleaning

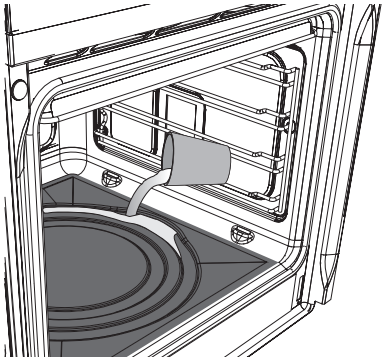
Vapor Clean is an assisted cleaning procedure which facilitates the removal of dirt. Thanks to this process, it is possible to clean the inside of the oven very easily. The dirt residues are softened by the heat and water vapour for easier removal afterwards.

Before starting the assisted cleaning cycle, make sure that the oven does not contain any foods or large spills from previous cooking operations.

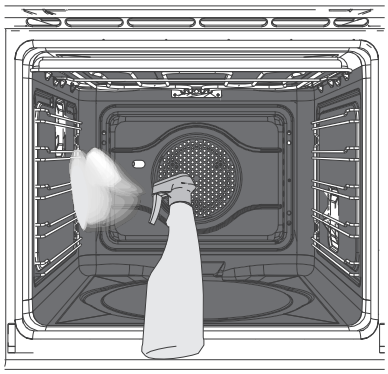
Carry out assisted oven cleaning operations only when the oven is cold.

9.8.1 Before starting the assisted cleaning cycle

- Completely remove all accessories from inside the oven.



- Pour approx. 40 cc of water onto the floor of the oven (as shown in the figure). Make sure it does not overflow out of the cavity.



- Spray a water and washing up liquid solution inside the oven using a spray nozzle. Direct the spray against the side walls, roof, base and deflector.
- At the end of this process, close the door and set the cleaning cycle.

Do not spray excessive amounts of the water and washing up liquid solution. We recommend spraying approx. 20 times at the most.

9.8.2 Setting the assisted cleaning cycle

Once the preparations have been made for the assisted cleaning cycle, proceed as follows:

- turn the oven function knob and the oven thermostat knob to for the Vapor Clean function;
- set a cooking time of 18 minutes using the **cooking time** procedure described in more detail in “7.8.3 Semi-automatic cooking”;
- The assisted cleaning cycle will start approx. 6 seconds after the user last makes a setting change to the electronic analogue clock.

At the end of the assisted cleaning cycle, the timer will deactivate the oven heating elements, the buzzer will start to sound and the numbers on the dial will flash.

9.8.3 End of the assisted cleaning cycle

The water remaining at the end of the assisted cleaning cycle cannot be left inside the oven for long (for example overnight).

We recommend wearing a pair of gloves during these processes.

At the end of the cleaning cycle, open the door and wipe away the less stubborn dirt with a microfibre cloth. Use an anti-scratch sponge with brass filaments on tougher encrustations.

We recommend removing the door as described in “10.2 Removing the door” to facilitate access to restricted spaces.

For improved hygiene and to avoid food being affected by any unpleasant odours, we recommend that the oven is dried using a fan-assisted function at 160°C for approximately 10 minutes.

10. EXTRAORDINARY MAINTENANCE

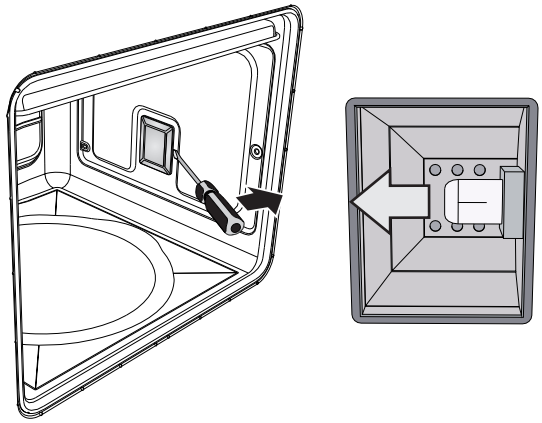
The oven requires periodic minor maintenance or replacement of parts subject to wear, such as gaskets, light bulbs, etc. Specific instructions for each operation of this kind are given below.

Before any intervention that requires access to live parts, disconnect the appliance from the power supply.

CAUTION: For your safety, you are advised to wear protective gloves while performing any cleaning or extraordinary maintenance.

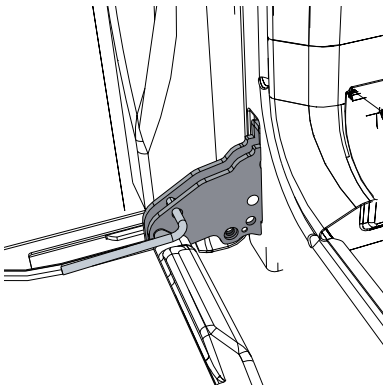
10.1 Replacing the light bulb (main ovens)

If a light bulb needs to be replaced because it is worn or burnt out, remove the guide frames; see “9.7.1 Removing guide frames”.
Then remove the bulb cover using a tool (e.g. a screwdriver).
Remove the bulb by unscrewing (filament bulbs) or pulling it (halogen bulbs) in the indicated direction. Replace the bulb with one of the same type (25W for filament bulbs or 40W for halogen bulbs).

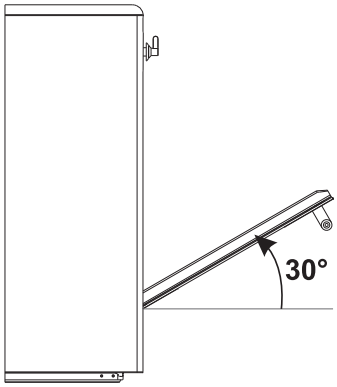


Do not touch halogen bulbs directly with your fingers, wrap them in insulating material.

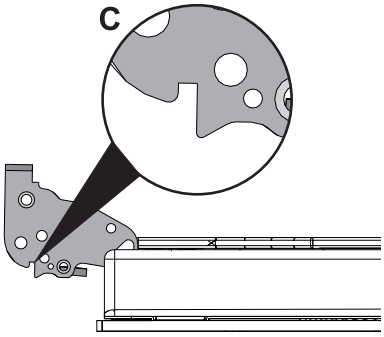
10.2 Removing the door



- Open the door completely.
- Insert a pin into the hole in the hinge. Repeat for both hinges.

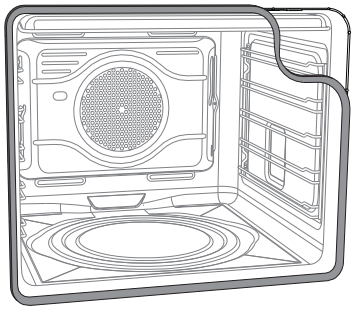


- Grasp the door on both sides with both hands, lift it forming an angle of around 30° and remove it.



- To reassemble the door, put the hinges in the relevant slots in the oven, making sure that grooved sections C are resting completely at the base of the slots. Lower the door and once it is in place remove the pins from the holes in the hinges.

10.3 Removing the door seal



To permit thorough cleaning of the oven, the door seal may be removed. There are fasteners on all four sides to attach it to the edge of the oven. Pull the edges of the seal outwards to detach the fasteners. The seal must be replaced when it loses elasticity and hardens.

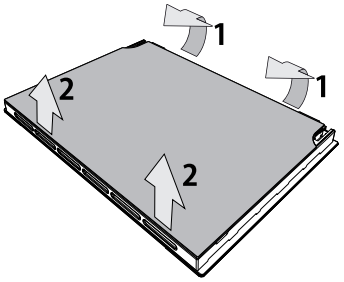
10.4 Removing the internal glass panels

The glass in the door should always be kept thoroughly clean. To facilitate cleaning, it is possible to remove the door (see 10.2 Removing the door) and place it on a canvas, or open it and lock the hinges in order to extract the glass panels. The glass panels of the door can be completely removed by following the instructions provided below.

Warning: before removing the glass panels, make sure that at least one of the door's hinges has been locked in the open position as described in chapter “10.2 Removing the door”. This operation may have to be repeated during the glass removal process if the door is accidentally freed.

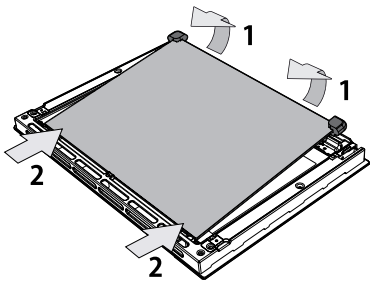
Removing the internal glass panel:

- Remove the internal glass panel by pulling the rear part gently upwards, following the movement indicated by the arrows (1).
- Detach the 4 pins attached to the glass panel from their slots in the oven door by pulling the front part of the glass panel upwards (2).

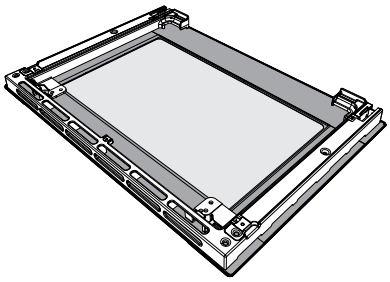


Removing the middle glass panels:

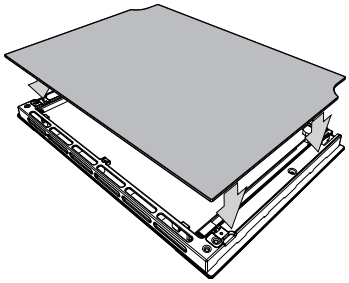
- Remove the middle glass panel by lifting it upwards, following the movement indicated by the arrows (1).
- Pull the front of the glass panel upwards (2).



Cleaning:
Clean the external glass panel and the panels removed previously. Use absorbent kitchen roll. In the case of stubborn dirt, wash with a damp sponge and neutral detergent.



Replacing the glass panels:
- Replace the panels in the opposite order to which they were removed.
- Take care to centre and insert the 4 pins attached to the internal glass panel into their slots in the oven door by applying slight pressure.



11. INSTALLATION

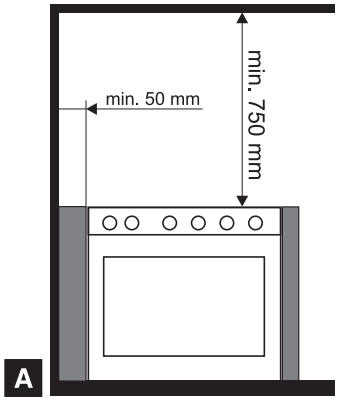
11.1 Installing in kitchen units

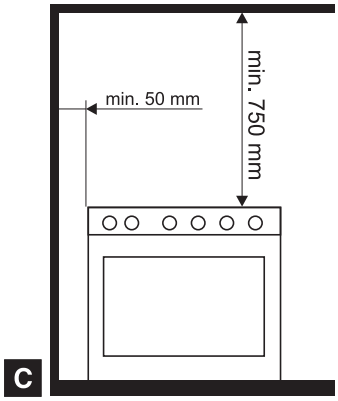
Veneers, adhesives or plastic coatings on adjacent furniture should be temperature-resistant (no less than 90°C). If they are not sufficiently temperature-resistant, they may warp over time.

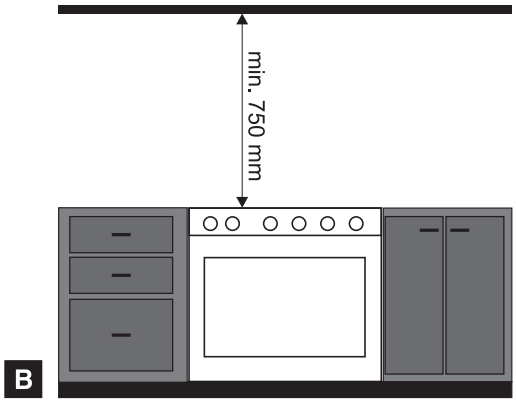
The appliance must be installed by a qualified technician and according to the standards in force.
Depending on the type of installation, this appliance belongs to class 2, subclass 1 (Fig. A - Fig. B) or class 1 (Fig. C).

It may be installed next to walls, one of which must be higher than the appliance, at a minimum distance of 50 mm from the side of the appliance, as shown in figures A and C relative to the installation classes.

Any wall units must be at a minimum distance of at least 750 mm above the appliance. This distance can be reduced to 650 mm if a ventilation hood is installed.







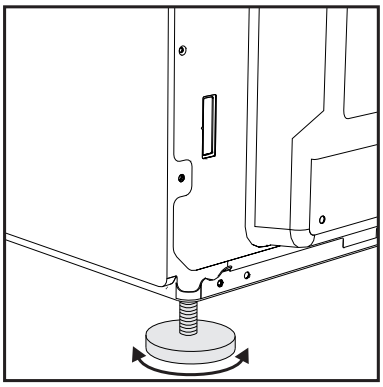
A Built-in appliance (Class 2 subclass 1)

B Built-in appliance (Class 2 subclass 1)

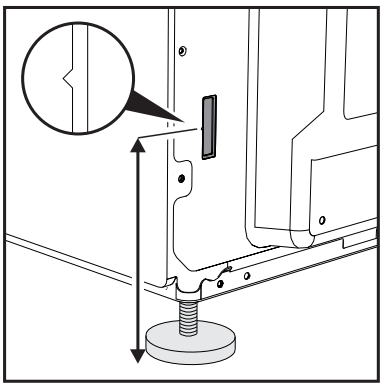
C Free-standing appliance (Class 1)

11.2 Wall mounting brackets (where present)

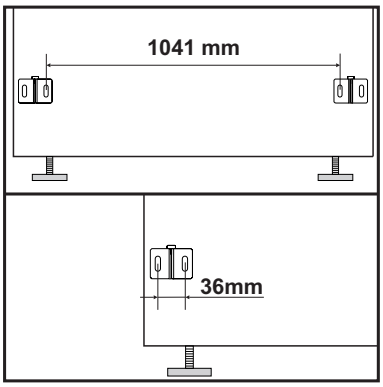
The fastening system provided must be installed to ensure the appliance is stable. If installed correctly, this system prevents the appliance tipping over.



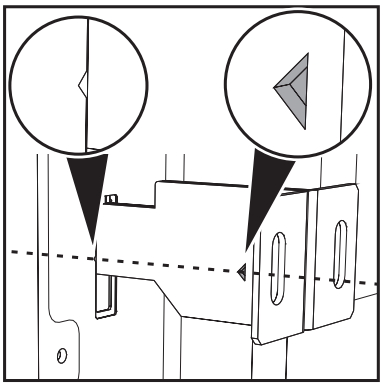
- Use the adjustable feet to level the appliance at the required height.



- Measure the distance from the index of the opening to the floor.



- Use the same height on the wall to drill the holes for fastening the brackets. The distance between the centres of the holes is given in the diagram above.



- Before tightening the brackets fully to the wall, check that the index on the brackets is at the same height as the index on the back of the appliance. Position the appliance, taking care that the brackets are correctly inserted.

To prevent possible damage to the appliance, we recommend to screw the front feet first and then the rear ones.

11.3 Electrical connection

Make sure the voltage and the cross-section of the power supply line match the specifications indicated on the identification plate positioned on the appliance. Do not remove this plate for any reason. A copy of the plate is attached to the instructions.

The appliance must be connected to the power supply by a qualified technician.

Before performing any operations, switch off the power supply to the appliance.

The appliance must be connected to earth in compliance with electrical system safety standards.

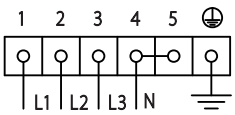
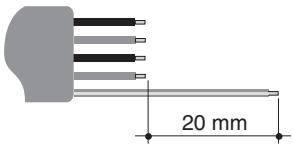
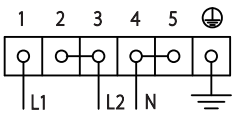
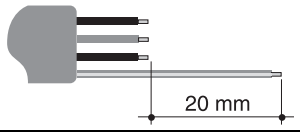
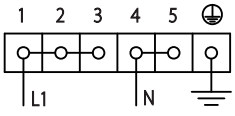
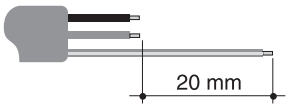
Where the appliance is connected to the power grid via a plug and socket, both of these must be of the same type and connected to the power cable in accordance with current standards. The socket must be accessible after the appliance has been built in.
NEVER UNPLUG BY PULLING ON THE CABLE.

Should the earthing wire need replacing it must be longer than the current conduction wires so that, if the plug is torn off the power cable, it is the last to be detached.

Avoid use of adapters and shunts as these could cause overheating and risk of burns.

If a fixed connection is being used, fit the power line with an omnipolar circuit breaker with a contact opening gap equal to or greater than **3 mm**, in an easily accessible position close to the appliance.

The manufacturer declines all responsibility *for damage to persons or things caused by non-observance of the above prescriptions or by interference with any part of the appliance.*

APPLIANCE TYPE (CM)	POSSIBLE CONNECTION TYPES	CABLE TYPE (if not present)
90	**380 - 415 V 3N~** 	5-pole **5 x 1.5** mm² H05V2V2-F 
90	**380 - 415 V 2N~** 	4-pole **4 x 4** mm² H05V2V2-F 
90	**220 - 240 V 1N~** 	3-pole **3 x 6** mm² H05V2V2-F 

- *Use H05V2V2-F cables resistant to at least 90°C.*
- *The values indicated above refer to the cross-section of the internal conductor.*
- *The tightening torque of the screws of the terminal supply wires must be 1.5 - 2 Nm.*
- *The aforementioned power cables are sized taking into account the coincidence factor (in compliance with standard EN 60335-2-6).*

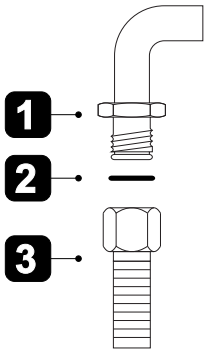
11.4 Connection to gas

Installation of the UNI-CIG 7140 compliant rubber hose must be carried out so that the hose length is not greater than 1.5 metres. Make sure that the hose does not come into contact with moving parts or is squashed. The inside diameter of the hose must be 8 mm for LIQUID GAS and 13 mm for NATURAL GAS and TOWN GAS.
Verify that all the following conditions are met:

- *the hose is fixed to the hose connection with safety clamps;*
- *lno part of the hose is in contact with the hot walls (max. 50 °C);*
- *the hose is not under traction or tension and has no tight curves or twists;*
- *the hose is not in contact with sharp objects or sharp corners;*
- *if the hose is not perfectly airtight and leaks gas, do not try and repair it: replace it with a new hose;*
- *verify that the hose is not beyond its life cycle (serigraphed on the hose itself).*

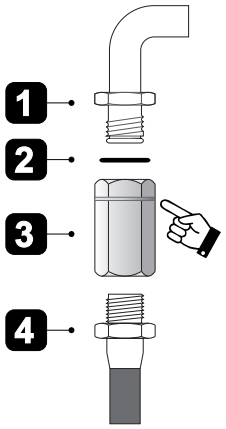
11.4.1 continuous wall flexible steel pipe

Make the connection to the gas mains using a continuous wall flexible steel pipe whose specifications comply with the current regulations. Carefully screw the connector **3** to the gas connector **1** of the appliance, placing the seal **2** between them.



11.4.2 flexible bayonet style hose

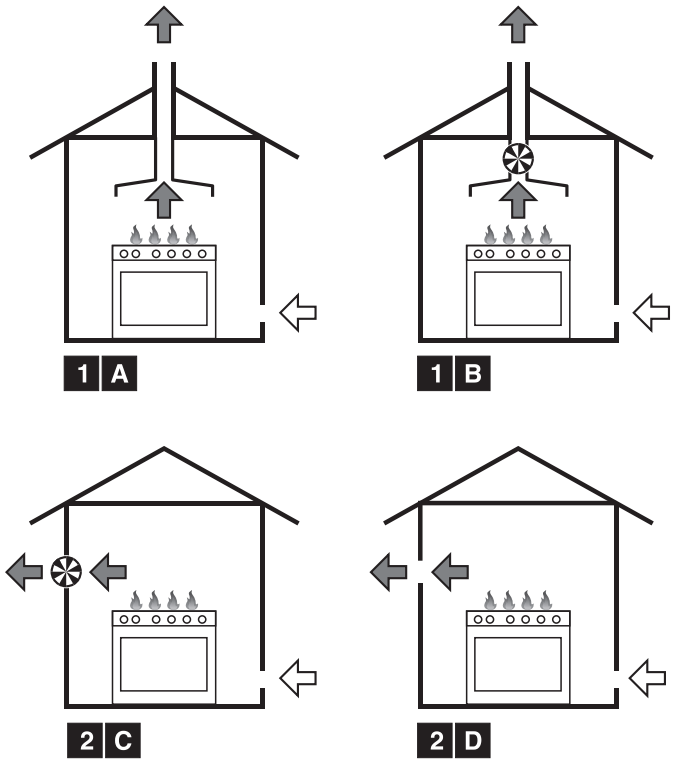
Make the connection to the appliance using flexible bayonet style hose in accordance to B.S. 669. The hose connection at the rear of the appliance has a 1/2" BSP external thread. Apply a suitable sealing substance to the thread of the gas pipe connector **4** and then tighten the adapter **3** to it as shown in the figure. Screw this assembly to the moveable connector **1** of the appliance, placing the seal **2** between them.



11.5 Room ventilation and combustion extraction

The room containing the appliance should be permanently ventilated in accordance with the standards in force. The room where the appliance is installed must have enough air flow as required for the regular combustion of gas and by the necessary air exchange of the same room. The air vents, protected by grills, must be suitably dimensioned in compliance with current standards and positioned so that no part of them is obstructed.
The appliance must be kept adequately ventilated in order to eliminate the heat and humidity produced by cooking: in particular, after prolonged use, you are recommended to open a window or to increase the speed of any fans.

Combustion products can be extracted by means of hoods connected to a natural draught chimney whose efficiency is assured or via forced extraction. An efficient extraction system requires precision planning by a specialist qualified in this area and must comply with the positions and distances indicated by the standards. When the job is complete, the installer must issue a certificate of conformity.



1 Extraction using a hood.

2 Extraction without a hood.

A Single natural draught chimney.

B Single chimney with extractor fan.

C Directly outdoors with wall- or window-mounted extractor fan.

D Directly outdoors through wall.

Air

Combustion products

Extractor fan

12.ADAPTATION TO DIFFERENT TYPES OF GAS

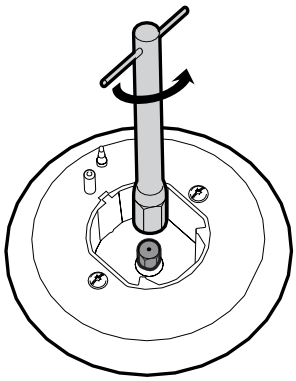
BEFORE PERFORMING ANY OPERATIONS, SWITCH OFF THE POWER SUPPLY TO THE APPLIANCE.

Appliance set for gas:	**NATURAL G20 (2H) pressure 20 mbar** (see label on product)

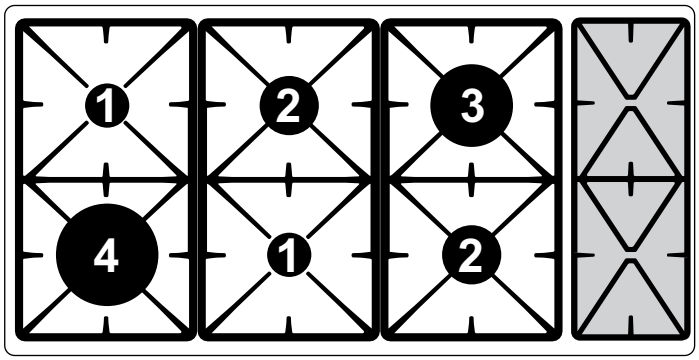
In the case of operation with other types of gas, the burner nozzles must be changed and the minimum flame adjusted on the gas taps.
To change the nozzles, proceed as described in the following paragraphs.

12.1 Replacement of nozzles on the hob

1 Remove the pan stands, and remove all the burner caps and flame-spreader crowns to access the burner casings.
2 Unscrew the nozzles using a 7 mm socket wrench.
3 Replace the burner nozzles according to the type of gas to be used (see 12.3 Burner and nozzle characteristics table).
4 Replace the burners in the correct position.



12.2 Arrangement of burners



Burners

1 Auxiliary
2 Semi-rapid
3 Rapid
4 Ultra-Rapid

12.3 Burner and nozzle characteristics table

Burner	Rated heating capacity (kW)	LPG GAS - G30/G31 28/37 mbar			
		Nozzle diameter (1/100 mm)	**Reduced capacity** (W)	**Capacity** (g/h G30)	**Capacity** (g/h G31)
Auxiliary	1.05	50	400	76	75
Semi-rapid	1.8	65	500	131	129
Rapid	3.0	85	800	218	214
Ultra-rapid	3.9	100	1600	284	279

Burner	Rated heating capacity (kW)	NATURAL GAS - G20 20 mbar		
		Nozzle diameter (1/100 mm)	**Prechamber** (printed on nozzle)	**Reduced capacity** (W)
Auxiliary	1.05	72	(X)	400
Semi-rapid	1.8	97	(Z)	500
Rapid	3.0	115	(Y)	800
Ultra-rapid	3.9	135	(K)	1600

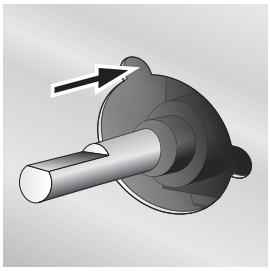
12.4 Final operations

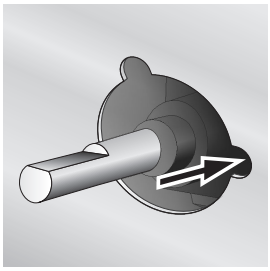
After replacing the nozzles, reposition the flame-spreader crowns, the burner caps and the pan stands.

Following adjustment to a gas other than the one originally set in the factory, replace the gas setting label fixed to the appliance with the one corresponding to the new gas. The label is inserted inside the nozzle pack (where present).

12.4.1 Adjusting the hob burner minimum setting for city or natural gas

Light the burner and turn it to the minimum position. Extract the gas tap knob and turn the adjustment screw next to the tap rod (depending on the model) until the correct minimum flame is achieved.
Refit the knob and verify that the burner flame is stable (when turning the knob rapidly from the maximum to the minimum position the flame must not go out). Repeat the operation on all the gas taps.





12.4.2 Adjusting the hob burner minimum setting for LPG

In order to adjust the minimum setting with LPG, the screw at the side of the tap rod must be tightened clockwise all the way.

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